

HTIRC-03-004



January 22, 2004

To: Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572
28 Davis Avenue
Poughkeepsie, N.Y. 12603

Subject: | Serial No. 10/715,020 11/17/03 |
Jei-Wei Chang et al.
PROCESS TO FABRICATE NARROW-TRACK
CPP READ HEAD
| _____ |

INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation
In An Application.

The following Patents and/or Publications are submitted to
comply with the duty of disclosure under CFR 1.97-1.99 and
37 CFR 1.56.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being
deposited with the United States Postal Service as first class
mail in an envelope addressed to: Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450, on January 27, 2004.

Stephen B. Ackerman, Reg.# 37761

Signature/Date

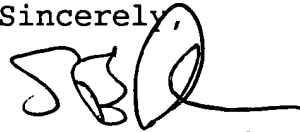
 1/27/04

HTIRC-03-004

U.S. Patent 6,462,915 to Sasaki, "System and Method for Manufacturing a Composite Type Thin Film Magnetic Head Having a Reading Magnetoresistive Effective Type Thin Film Magnetic Head and a Writing Inductive Type Thin Film Magnetic Head that are Stacked," discloses electroless plating of a permalloy to form the bottom pole of a CPP device.

U.S. Patent 6,419,845 to Sasaki, "Method of Etching Magnetic Layer, of Forming Magnetic Pole of Thin Film Magnetic Head and of Manufacturing Thin Film Magnetic Head," discloses a NiB plating layer.

Sincerely,

A handwritten signature in black ink, appearing to read 'SBA', with a long horizontal flourish extending to the right.

Stephen B. Ackerman,
Reg. No. 37761

Form PTO-1449

Docket Number (Continued)

Application Number

HTIRC-03-004

10/715,020

Applicant

Jei-Wei Chang et al.

Filing Date

11/17/03

Group Art Unit

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6462915	10/8/02	Sasaki	360	317	9/29/99
	6419845	7/16/02	Sasaki	216	22	5/24/99

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.